

Refine Search

Search Results -

Terms	Documents
L2 and ((nitrogen-containing adj cure) or (nitrile adj containing adj vinyl adj ether))	17

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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L3

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Search History

DATE: Saturday, March 12, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L3</u>	L2 and ((nitrogen-containing adj cure) or (nitrile adj containing adj vinyl adj ether))	17	<u>L3</u>
<u>L2</u>	L1 and (crosslinked or cure or vulcanized)	8513	<u>L2</u>
<u>L1</u>	fluoroplastic or tetrafluoroethylene or perfluoroolefin or (perfluoroalkylvinyl adj ether) or (perfluoroalkoxyvinyl adj ether)	43012	<u>L1</u>

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Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20050054783 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 17

File: PGPB

Mar 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050054783

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050054783 A1

TITLE: Fluoropolymer curing system

PUBLICATION-DATE: March 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Kolb, Robert E.	Afton	MN	US	
Hintzer, Klaus	Kastl		DE	

US-CL-CURRENT: [525/326.3](#); [525/326.4](#), [525/351](#), [525/355](#), [525/359.2](#), [525/374](#), [525/375](#), [525/379](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw De
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☐ 2. Document ID: US 20040162395 A1

L3: Entry 2 of 17

File: PGPB

Aug 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040162395

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040162395 A1

TITLE: Fluoroelastomer compositions

PUBLICATION-DATE: August 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Adair, Eric W.	Hugo	MN	US	

US-CL-CURRENT: [525/326.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 20040122163 A1

L3: Entry 3 of 17

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040122163

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040122163 A1

TITLE: Fluoroplastic polymers having nitrogen-containing cure sites

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Hintzer, Klaus	Kastl	MN	DE	
Kolb, Robert E.	Afton		US	
Zipplies, Tilman	Burghausen		DE	

US-CL-CURRENT: 524/805; 526/242

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 4. Document ID: US 20040072959 A1

L3: Entry 4 of 17

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040072959

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040072959 A1

TITLE: Fluoropolymer compositions

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Kolb, Robert E.	Afton	MN	US	

US-CL-CURRENT: 525/326.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 5. Document ID: US 20040044139 A1

L3: Entry 5 of 17

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044139
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040044139 A1

TITLE: Fluoropolymer compositions

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Kolb, Robert E.	Afton	MN	US	

US-CL-CURRENT: 525/326.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 6. Document ID: US 20020183458 A1

L3: Entry 6 of 17

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020183458
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020183458 A1

TITLE: Fluoropolymer curing system

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Kolb, Robert E.	Afton	MN	US	
Hintzer, Klaus	Lindenstrasse		DE	

US-CL-CURRENT: 525/326.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 7. Document ID: US 20020183457 A1

L3: Entry 7 of 17

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020183457
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020183457 A1

TITLE: Fluoropolymers having pendant imidate structures

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hintzer, Klaus	Kastl	MN	DE	
Grootaert, Werner M. A.	Oakdale	MN	US	
Kolb, Robert E.	Afton		US	
Maerz, Franz	Burgkirchen		DE	
Schwertfeger, Werner	Altotting		DE	

US-CL-CURRENT: 525/326.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 20020177666 A1

L3: Entry 8 of 17

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177666

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020177666 A1

TITLE: Fluoropolymer compositions

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Grootaert, Werner M.A.	Oakdale	MN	US	
Kolb, Robert E.	Afton	MN	US	
Hintzer, Klaus	Kastl		DE	

US-CL-CURRENT: 525/326.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 9. Document ID: US 20020145228 A1

L3: Entry 9 of 17

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020145228

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020145228 A1

TITLE: Fluoropolymer compositions

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Kolb, Robert E.	Afton	MN	US
Grootaert, Werner M.A.	Oakdale	MN	US
Hintzer, Klaus	Kastl		DE

US-CL-CURRENT: 264/236; 264/331.14, 525/326.2, 525/326.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 10. Document ID: US 6846880 B2

L3: Entry 10 of 17

File: USPT

Jan 25, 2005

US-PAT-NO: 6846880

DOCUMENT-IDENTIFIER: US 6846880 B2

TITLE: Fluoropolymer compositions

DATE-ISSUED: January 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grootaert; Werner M. A.	Oakdale	MN		
Kolb; Robert E.	Afton	MN		

US-CL-CURRENT: 525/259; 525/276, 525/326.2, 525/326.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 11. Document ID: US 6844388 B2

L3: Entry 11 of 17

File: USPT

Jan 18, 2005

US-PAT-NO: 6844388

DOCUMENT-IDENTIFIER: US 6844388 B2

TITLE: Fluoropolymer compositions containing a nitrogen cure site monomer

DATE-ISSUED: January 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grootaert; Werner M. A.	Oakdale	MN		
Kolb; Robert E.	Afton	MN		
Hintzer; Klaus	Lindenstrasse			DE

US-CL-CURRENT: 524/424; 525/326.3, 525/340

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 12. Document ID: US 6803425 B2

L3: Entry 12 of 17

File: USPT

Oct 12, 2004

US-PAT-NO: 6803425

DOCUMENT-IDENTIFIER: US 6803425 B2

TITLE: Fluoropolymers having pendant imidate structures

DATE-ISSUED: October 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hintzer; Klaus	Kastl			DE
Grootaert; Werner M. A.	Oakdale	MN		
Kolb; Robert E.	Afton	MN		
Maerz; Franz	Burgkirchen			DE
Schwertfeger; Werner	Altotting			DE

US-CL-CURRENT: 525/326.2; 525/384, 526/247, 526/248

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 13. Document ID: US 6794457 B2

L3: Entry 13 of 17

File: USPT

Sep 21, 2004

US-PAT-NO: 6794457

DOCUMENT-IDENTIFIER: US 6794457 B2

TITLE: Fluoropolymer curing system containing a nitrogen cure site monomer

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grootaert; Werner M. A.	Oakdale	MN		
Kolb; Robert E.	Afton	MN		
Hintzer; Klaus	Kastl			DE

US-CL-CURRENT: 525/326.3; 525/326.4, 525/351, 525/355, 525/359.2, 525/374, 525/375, 525/379

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 14. Document ID: WO 2004060944 A1

L3: Entry 14 of 17

File: EPAB

Jul 22, 2004

PUB-NO: WO2004060944A1

DOCUMENT-IDENTIFIER: WO 2004060944 A1

TITLE: FLUOROPLASTIC POLYMERS HAVING NITROGEN-CONTAINING CURE SITES

PUBN-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

GROOTAERT, WERNER M A

HINTZER, KLAUS

KOLB, ROBERT E

ZIPPLIES, TILMAN

INT-CL (IPC): C08 F 259/08; C08 F 214/18

EUR-CL (EPC): C08F259/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 15. Document ID: AU 2003293187 A1, US 20040122163 A1, WO 2004060944 A1

L3: Entry 15 of 17

File: DWPI

Jul 29, 2004

DERWENT-ACC-NO: 2004-498940

DERWENT-WEEK: 200477

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TITLE: Fluoroplastic useful in e.g. latex, curable blend, and cured shaped articles comprises a nitrogen-containing cure site and units derived from a fluorinated monomer

INVENTOR: GROOTAERT, W M A; HINTZER, K ; KOLB, R E ; ZIPPLIES, T

PRIORITY-DATA: 2002US-436181P (December 23, 2002), 2003US-0725207 (December 1, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>AU 2003293187 A1</u>	July 29, 2004		000	C08F259/08
<u>US 20040122163 A1</u>	June 24, 2004		007	C08F214/18
<u>WO 2004060944 A1</u>	July 22, 2004	E	000	C08F259/08

INT-CL (IPC): C08 F 214/18; C08 F 259/08; C08 K 3/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 16. Document ID: US 6844388 B2, WO 200283756 A1, US 20020177666 A1, EP 1379565 A1, AU 2002256201 A1, JP 2004524425 W, CN 1501947 A

L3: Entry 16 of 17

File: DWPI

Jan 18, 2005

DERWENT-ACC-NO: 2003-129097

DERWENT-WEEK: 200506

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TITLE: Fluoropolymer composition for shaped article e.g. O-ring, gasket, tubing or seal, includes fluoropolymer having interpolymerized units derived from nitrogen-containing cure site monomer and non-fluorinated catalyst composition

INVENTOR: GROOTAERT, W M A; HINTZER, K ; KOLB, R E

PRIORITY-DATA: 2002US-0122489 (April 11, 2002), 2001US-283535P (April 12, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6844388 B2</u>	January 18, 2005		000	C08F008/00
<u>WO 200283756 A1</u>	October 24, 2002	E	031	C08F214/26
<u>US 20020177666 A1</u>	November 28, 2002		000	C08F114/18
<u>EP 1379565 A1</u>	January 14, 2004	E	000	C08F214/26
<u>AU 2002256201 A1</u>	October 28, 2002		000	C08F214/26
<u>JP 2004524425 W</u>	August 12, 2004		055	C08L101/06
<u>CN 1501947 A</u>	June 2, 2004		000	C08F214/26

INT-CL (IPC): C08 F 8/00; C08 F 14/18; C08 F 114/18; C08 F 214/26; C08 K 3/04; C08 K 5/00; C08 L 101/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 17. Document ID: AU 2002250006 A1, WO 200260969 A1, US 20020145228 A1, EP 1366094 A1

L3: Entry 17 of 17

File: DWPI

Aug 12, 2002

DERWENT-ACC-NO: 2002-636561

DERWENT-WEEK: 200427

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TITLE: Fluoropolymer composition particularly useful in forming seals or gaskets, includes fluoropolymer having interpolymerized units derived from nitrogen-containing cure site monomer, and specified catalyst composition

INVENTOR: GROOTAERT, W M A; HINTZER, K ; KOLB, R E

PRIORITY-DATA: 2002US-0060690 (January 30, 2002), 2001US-265498P (January 31, 2001), 2001US-283464P (April 12, 2001), 2001US-283535P (April 12, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>AU 2002250006 A1</u>	August 12, 2002		000	C08F214/26
<u>WO 200260969 A1</u>	August 8, 2002	E	043	C08F214/26
<u>US 20020145228 A1</u>	October 10, 2002		000	B29C071/02
<u>EP 1366094 A1</u>	December 3, 2003	E	000	C08F214/26

INT-CL (IPC): B29 C 71/02; C08 F 214/26; C08 K 5/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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